Version Number 1.2 Revision Date 11/21/2019



Page 1 of 16 Print Date 12/19/2024

SAFETY DATA SHEET

TP9120 T720-SM TF TPO Mocho 20%

Section 1. Identification	on	
GHS product identifier Chemical name	:	TP9120 T720-SM TF TPO Mocho 20% Mixture
CAS number Other means of identification Product type	:	Mixture EM10036634 solid
<u>Relevant identified uses of the subs</u> Product use	stance :	or mixture and uses advised against Industrial applications. Plastics.
Supplier's details	:	GEON Performance Solutions LLC 33587 Walker Road, Avon Lake, OH 44012
Emergency telephone number (with hours of operation)	:	1 (440) 930-1000 or 1 (866) POLYONE CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status	:	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture	:	Not classified.
GHS label elements		
Signal word Hazard statements	:	No signal word. No known significant effects or critical hazards.

1/16

Version Number 1.2 Revision Date 11/21/2019 Page 2 of 16 Print Date 12/19/2024

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Precautionary statements

General	:	Not applicable.
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	None known.
Hazards not otherwise classified	:	None known.
		Not available.

Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	EM10036634

CAS number/other identifiers

Ingredient name	%	CAS number
Talc	10 - 25	14807-96-6
Titanium dioxide	0.3 - 1	13463-67-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical
		0/10



Version Number 1.2	Page 3 of 16
Revision Date 11/21/2019	Print Date 12/19/2024

	surveillance for 48 hours.	
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated	ted
	clothing and shoes. Get medical attention if symptoms occur.	
Ingestion	: Wash out mouth with water. Remove victim to fresh air and keep	at
	rest in a position comfortable for breathing. If material has been	
	swallowed and the exposed person is conscious, give small quantit	ties
	of water to drink. Do not induce vomiting unless directed to do so	by
	medical personnel. Get medical attention if symptoms occur.	

Most important symptoms/effects, acute and delayed

Potential acute health effects		
Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.
Over-exposure signs/symptoms		
Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.
Indication of immediate medical at	tentic	on and special treatment needed, if necessary
Notes to physician	:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments	:	No specific treatment.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or CO_2 . None known.
Specific hazards arising from the	:	No specific fire or explosion hazard.
		3/16



Version Number 1.2 Revision Date 11/21/2019 Page 4 of 16 Print Date 12/19/2024

chemical Hazardous thermal decomposition products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides
Special protective actions for fire- fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self- contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel For emergency responders	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containme	nt a	nd cleaning up
Small spill	:	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Version Number 1.2 Revision Date 11/21/2019 Page 5 of 16 Print Date 12/19/2024

Precautions for safe handling

Protective measures Advice on general occupational hygiene	:	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, : including any incompatibilities		Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
Talc	OSHA PEL Z3 (1997-09-03) TWA 20 million particles per 1 cubic foot Form: not/asb OSHA PEL Z3 (1997-09-03) STEL 1 fibrers/cm3 Form: not/asb TWA 0.1 fibrers/cm3 Form: con/asb STEL 1 fibrers/cm3 Form: con/asb ACGIH TLV (1996-05-18) TWA 2 mg/m3 Form: Respirable fraction ACGIH TLV (1998-09-01) TWA 0.1 fibrers/cm3 Form: respiratble fibre NIOSH REL (1994-06-01) TWA 2 mg/m3 Form: Respirable fraction OSHA PEL 1989 (1989-03-01) TWA 2 mg/m3 Form: Respirable dust
Titanium dioxide	OSHA PEL 1989 (1989-03-01) TWA 10 mg/m3 Form: Total dust OSHA PEL (1993-06-30) TWA 15 mg/m3 Form: Total dust



Version Number 1.2 Revision Date 11/21/2019

Page 6 of 16 Print Date 12/19/2024

		ACGIH TLV (1996-05-18) TWA 10 mg/m3			
Appropriate engineering controls	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.			
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubber filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.			
Individual protection measures					
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety			
Eye/face protection	:	showers are close to the workstation location. Safety eyewear complying with an approved standard should be us when a risk assessment indicates this is necessary to avoid exposu- liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicate higher degree of protection: safety glasses with side-shields.			
Skin protection					
Hand protection	:	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.			
Body protection	:	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.			
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.			
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.			

Section 9. Physical and chemical properties



Version Number 1.2 Revision Date 11/21/2019 **GEON**[®] Performance Solutions

> Page 7 of 16 Print Date 12/19/2024

Appearance

Physical state	:	solid [Pellets.]
Color		BROWN
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive	:	Lower: Not available.
(flammable) limits		Upper: Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	Not available.
Partition coefficient: n-	:	Not available.
octanol/water		
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	Dynamic: Not available.
		Kinematic: Not available.
Aerosol product		
Heat of combustion	:	Not available.
Ignition distance	:	Not available.
Enclosed space ignition - Time	:	Not available.
equivalent		
Enclosed space ignition -	:	Not available.
Deflagration density		
Flame height	:	Not available.
Flame duration	:	Not available.

Section 10. Stability and reactivity

:

Reactivity

No specific test data related to reactivity available for this product or its ingredients.

Version Number 1.2 Revision Date 11/21/2019



Page 8 of 16

Print Date 12/19/2024

Chemical stability Stable under recommended storage and handling conditions (see : Section 7). Possibility of hazardous reactions Under normal conditions of storage and use, hazardous reactions will : not occur. **Conditions to avoid** : Keep away from extreme heat and oxidizing agents. **Incompatible materials** Keep away from strong acids. : Oxidizer. Hazardous decomposition : Under normal conditions of storage and use, hazardous decomposition

products should not be produced.

Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Information on toxicological effects

Acute toxicity

products

Product/ingredient name	Result	Species	Dose	Exposure		
Titanium dioxide						
Remarks - Oral:	No applicable toxi	city data				
	LC50 Inhalation	Rat - Male	6.82 Mg/l	4 h		
	LD50 Dermal	Rabbit	> 5,000 mg/kg	-		
Talc						
Remarks - Oral:	No applicable toxicity data					
Remarks - Inhalation:	No applicable toxicity data					
Remarks - Dermal:	No applicable toxicity data					
Conclusion/Summary	: Mixture.Not fully tested.					

Irritation/Corrosion

Skin - Mild	TT			
irritant	Human		72 hrs	-
Skin - Mild irritant	Human		72 hrs	-
: N	lixture.Not ful	ly tested.		
	Skin - Mild irritant : M : M	Skin - Mild irritant : Mixture.Not ful : Mixture.Not ful	Skin - Mild Human irritant Image: Mixture.Not fully tested. Image: Mixture.Not fully tested. Image: Mixture.Not fully tested.	Skin - Mild irritant Human 72 hrs : Mixture.Not fully tested. : Mixture.Not fully tested.

Version Number 1.2 Revision Date 11/21/2019 Page 9 of 16 Print Date 12/19/2024

GEON

Performance Solutions

Conclusion/Summary Skin Respiratory	:	Mixture.Not fully tested. Mixture.Not fully tested.
Mutagenicity		
Conclusion/Summary	:	Mixture.Not fully tested.
<u>Carcinogenicity</u>		
Conclusion/Summary	:	Mixture.Not fully tested.

Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium dioxide	-	2B	-
Talc	-	132B	-

Reproductive toxicity

Conclusion/Summary	:	Mixture.Not fully tested.
Teratogenicity		
Conclusion/Summary	:	Mixture.Not fully tested.
Specific target organ toxicity (single Not available.	le exp	<u>osure)</u>
Specific target organ toxicity (repe Not available.	ated o	exposure)
<u>Aspiration hazard</u> Not available.		
Information on likely routes of exposure	:	Not available.
Potential acute health effects		
Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.
Symptoms related to the physical	chemi	ical and toxicological characteristics

Symptoms related to the physical, chemical and toxicological characteristics

Version Number 1.2 Revision Date 11/21/2019 Page 10 of 16 Print Date 12/19/2024

Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Long term exposure		
Potential immediate effects	:	Not available.
Potential delayed effects	:	Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General	:	No known significant effects or critical hazards.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.
Teratogenicity	:	No known significant effects or critical hazards.
Developmental effects	:	No known significant effects or critical hazards.
Fertility effects	:	No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Titanium dioxide			
	Acute LC50 > 1,000 Mg/l Marine	Fish - Fish	96 h
	40/40		



Version Number 1.2 Revision Date 11/21/2019 Page 11 of 16 Print Date 12/19/2024

	water				
Remarks - Acute - Fish:	Acute	1	I		
	Acute LC50 3 Mg/l Fresh water	Aquatic invertebrates. Crustaceans	48 h		
Remarks - Acute - Aquatic invertebrates.:	Acute				
	Acute LC50 6.5 Mg/l Fresh water	Aquatic invertebrates. Daphnia	48 h		
Remarks - Acute - Aquatic invertebrates.:	Acute	· · ·			
Remarks - Acute - Aquatic plants:	No applicable toxicity data				
Remarks - Chronic - Fish:	No applicable toxicity data				
Remarks - Chronic - Aquatic invertebrates.:	No applicable toxicity data				
Talc					
Remarks - Acute - Fish:	No applicable toxicity data				
Remarks - Acute - Aquatic	No applicable toxicity data				
invertebrates.:					
Remarks - Acute - Aquatic	No applicable toxicity data				
plants:					
Remarks - Chronic - Fish:	No applicable toxicity data				
Remarks - Chronic -	No applicable toxicity data				
Aquatic invertebrates.:	1 2004				
TP9120 T720-SM TF TPO Mo			1		
Remarks - Acute - Aquatic invertebrates.:	Chemicals are not readily available	-			
Conclusion/Summary		ily available as they are bou	nd within the		
	polymer matrix.				
Persistence and degradability	\$7				
i ersistence and degradability	<u>Y</u>				
Conclusion/Summary	: Chemicals are not read polymer matrix.	ily available as they are bou	nd within the		
<u>Bioaccumulative potential</u> Not available.					
Mobility in soil					
Soil/water partition coefficie (KOC)	ent : Not available.				

GEON Performance Solutions

Version Number 1.2 Revision Date 11/21/2019

GEON[®] Performance Solutions

Page 12 of 16 Print Date 12/19/2024

Other adverse effects

: No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products
	should at all times comply with the requirements of environmental
	protection and waste disposal legislation and any regional local
	authority requirements. Dispose of surplus and non-recyclable
	products via a licensed waste disposal contractor. Waste should not be
	disposed of untreated to the sewer unless fully compliant with the
	requirements of all authorities with jurisdiction. Waste packaging
	should be recycled. Incineration or landfill should only be considered
	when recycling is not feasible. This material and its container must be
	disposed of in a safe way. Empty containers or liners may retain some
	product residues. Avoid dispersal of spilled material and runoff and
	contact with soil, waterways, drains and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water	:	Not regulated for transportation.
International Air ICAO/IATA	:	Consult mode specific transport rules
International Water IMO/IMDG	:	Consult mode specific transport rules

Section 15. Regulatory information

U.S. Federal regulations	:	United States - TSCA 12(b) - Chemical export notification: None
		of the components are listed.
		United States - TSCA 4(a) - Final Test Rules: Not listed
		United States - TSCA 4(a) - ITC Priority list: Not listed
		United States - TSCA 4(a) - Proposed test rules: Not listed
		United States - TSCA 4(f) - Priority risk review: Not listed
		United States - TSCA 5(a)2 - Final significant new use rules: Not



Version Number 1.2 Revision Date 11/21/2019 Page 13 of 16 Print Date 12/19/2024

		listed
		United States - TSCA 5(a)2 - Proposed significant new use rules:
		Not listed
		United States - TSCA 5(e) - Substances consent order: Not listed
		United States - TSCA 6 - Final risk management: Not listed
		United States - TSCA 6 - Proposed risk management: Not listed
		United States - TSCA 8(a) - Chemical risk rules: Not listed
		United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed
		United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not
		determined
		United States - TSCA 8(a) - Preliminary assessment report
		(PAIR): Not listed
		United States - TSCA 8(c) - Significant adverse reaction (SAR):
		Not listed
		United States - TSCA 8(d) - Health and safety studies: Not listed
		United States - EPA Clean water act (CWA) section 307 - Priority
		pollutants: Listed Rutile, antimony chromium buff
		Ethyl benzene
		United States - EPA Clean water act (CWA) section 311 -
		Hazardous substances: Listed
		United States - EPA Clean air act (CAA) section 112 - Accidental
		release prevention - Flammable substances: Not listed
		United States - EPA Clean air act (CAA) section 112 - Accidental
		release prevention - Toxic substances: Not listed
		United States - Department of commerce - Precursor chemical:
		Not listed
Clean Air Act Section 112(b)	:	Listed
Hazardous Air Pollutants (HAPs)		
Clean Air Act Section 602 Class I	:	Not listed
Substances		
Clean Air Act Section 602 Class II	:	Not listed
Substances		
DEA List I Chemicals (Precursor	:	Not listed
Chemicals)		
DEA List II Chemicals (Essential	:	Not listed
Chemicals)		

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

: Not applicable.

Version Number 1.2 Revision Date 11/21/2019

Page 14 of 16 Print Date 12/19/2024

Composition/information on ingredients

No products were found.

Name	%	Classification
Titanium dioxide	>= 0.3 - <= 1	CARCINOGENICITY - Category 2
Talc	>= 10 - <= 25	CARCINOGENICITY - Category 2

Not applicable.

State regulations	
Massachusetts	: None of the components are listed.
New York	: None of the components are listed.
New Jersey	The following components are listed:
Pennsylvania	Titanium dioxideThe following components are listed: Titanium dioxide

Talc

California Prop. 65

MARNING: This product can expose you to chemicals including Titanium dioxide, Talc, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
Titanium dioxide	-	-
Talc	-	-

United States inventory (TSCA 8b)	:	All components are active or exempted.
Canada inventory	:	At least one component is not listed in DSL but all such components are listed in NDSL.
International regulations		
Inventory list		
Australia	:	Not determined.
Canada	:	At least one component is not listed in DSL but all such components are listed in NDSL.
China	:	Not determined.
		14/16



Version Number 1.2 Revision Date 11/21/2019 Page 15 of 16 Print Date 12/19/2024

Europe inventory	:	Not determined.
Japan	:	Not determined.
New Zealand	:	Not determined.
Philippines	:	Not determined.
Republic of Korea	:	Not determined.
Taiwan	:	Not determined.
Turkey	:	Not determined.
United States	:	All components are active or exempted.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	/	0
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual. History

HIStory		
Date of printing	:	12/19/2024
Date of issue/Date of revision	:	11/21/2019
Date of previous issue	:	04/27/2018
Version	:	1.2
Key to abbreviations	:	ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor
		GHS = Globally Harmonized System of Classification and Labelling of Chemicals
		IATA = International Air Transport Association
		IBC = Intermediate Bulk Container
		IMDG = International Maritime Dangerous Goods
		LogPow = logarithm of the octanol/water partition coefficient
		MARPOL = International Convention for the Prevention of Pollution From
		Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
		UN = United Nations
References	:	Not available.
Notice to reader		



Version Number 1.2 Revision Date 11/21/2019 Page 16 of 16 Print Date 12/19/2024

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